Fluoromount G™

**Product Information**

<table>
<thead>
<tr>
<th>Name</th>
<th>Fluoromount G™</th>
<th>Fluoromount G™ with DAPI</th>
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<tbody>
<tr>
<td>Catalog Number</td>
<td>FP-483331, 25ml</td>
<td>FP-GO3520, 20ml</td>
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<tr>
<td>Form</td>
<td>in phosphate buffered saline, pH 7.4, containing 0.1% sodium azide as preservative</td>
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<tr>
<td>λ_{exc} / λ_{em} (DNA-bound)</td>
<td>358 / 461 nm</td>
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**Storage:** Store at +4°C (L). May be stored at room temperature for 3 months.

**WARNING:** Reagent contains sodium azide which is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Fluoromount G™ is a clear liquid mounting medium for slides mounted after a staining procedure having an aqueous final step. Refractive Index is about 1.40. It contains a non-fluorescing compound, based on acrylate in phosphate buffered saline, pH 7.4, containing 0.1% sodium azide preservative, making it ideal in immunofluorescence techniques.

Fluoromount G™ reduces fluorochrome quenching and irreversible photobleaching during analysis of slides by fluorescence microscopy. Hence, it prevents loss of signal during microscopic examination, preserving sensitivity, particularly when target molecules are of low abundance or when excitation light is of high intensity or long duration. The photobleaching is also implicated in phototoxicity, which may adversely impact cell viability and data quality. This mounting medium inhibits photobleaching of various fluorochromes, including Flourescein, much better than classical formulations containing glycerol, polyvinyl alcohol.

Fluoromount G also provides a semi-permanent seal for long-term storage of slide preparations at 2-8°C, and retains its anti-fading ability during long-term storage. Fluoromount G is available with a nuclear stain, DAPI, to achieve mounting and counterstaining in a single step.

**Directions for Use**

**Protocol 1: Slide preparation**

1. Prepare cytocentrifuge preps according to established procedures.
2. Fix (i.e. with 95% ethanol/5% glacial acetic acid for 20 minutes at -20°C) and rehydrate preps immediately in a staining dish containing fresh phosphate buffered saline (PBS) (2-3 changes).
3. Remove one slide at a time from aqueous buffer, add 1 drop (ca 50µl) of Fluoromount-G™ directly to cell prep, mount.
4. Cover slip and press gently with a gauze sponge to remove excess mounting medium and to seal the cover slip with nail polish for long term storage.
5. Allow mounted preps to air dry for 5 minutes before examination.
Protocol 2: Removal of Fluoromount™

Fluoromount™ is an aqueous based mounting medium and can easily be removed by soaking the slides in de ionized water. Place the slide in a beaker full of de ionized water on a magnetic stirrer. Leave the slide for few hours to overnight with gentle stirring for complete removal of dry Fluoromount™.

References

Related Products
- DAPI, FP-99963A
- Fluoro-Gel mounting medium, FP-AL2561
- Fluoro-Gel mounting medium with DAPI, FP-DT094A
- V-Mounting medium, glycerol with PPD, FP-WU1480
- FluoProbes® 647H-Phalloidin (653/675nm), FP-BZ9630
- FluoProbes® 547H-Phalloidin (557/572nm), FP-BZ9620
- FluoProbes® 547H-Goat anti-Mouse IgG, FP-SB4000
- FluoProbes® 547H-Goat anti-Rabbit IgG, FP-SB5000

Ordering information

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask: Fluoprobes / Interchim; Hotline: +33(0)4 70 03 73 06

Safety information:
R: 10 - 20/21 – 38  •  S: 9 - 25 - 36/37 - 43h – 60  •  Irritant Xn
EG-Index-No.: 601-022-00-9  •  GGVSE/ADR: 3 III  •  IATA: 3 III  •  UN 1307  •  WGK 2  •  HS-No. 38220000

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